

**YL18 18kVA**


Large tank model depicted

**ENGINE**

Make	Yanmar
Engine model (400V)	4TNV88-GGE
Cylinders	4 Vertical in line
Air intake	Naturally Aspirated
RPM speed	1500
Continuous Power	(1500 RPM): 16.4kW
Maximum Power	(1500 RPM): 17.7kW
Governor	Mechanical
Cooling Water capacity Radiator	4.7L
Lubricant oil Capacity	7.4L
Fuel Consumption at 100% load	5.5 L/h
Fuel Consumption at 75% load	4.2 L/h
Battery / Starter Motor	12V DC / 1.1kW



Water jacket heater & oil extraction pump included as standard equipment

**DIMENSIONS AND WEIGHT**

Length	1870 mm
Width	900 mm
Height (Standard Tank / 500L Tank)	1112 / 1595 mm
Dry Weight (Standard Tank / 500L Tank)	750 / 778 kg

**RATINGS & FEATURES**

Voltage & Frequency	400V 50Hz	3ph
Prime	18kVA	14kW
Standby	19kVA	15kW
Fuel Tank	Bunded	110L
Optional Large Tank	Bunded	500L
Operating Temperature	-15°C to	40°C
Canopy (Powder Coated)	Galvanised Doors & Walls	
	Stainless Steel Roof & Exhaust	
Noise Level (dB @ 7m)	0% Load:	60 dB
<b>Extra Quiet</b>	75% Load:	63 dB

**OPTIONS**

External ATS
Remote Control & Monitoring
Trailer

**ALTERNATOR**

Description	Leroy Somer
Alternator model	LSA40 M7
	Upsize 23kVA with System 4 protection level
Exciter Type	Single bearing, Brushless SHUNT
Speed / Frequency	1500RPM / 50Hz
Voltage / Power Factor	400V / 0.8
Voltage adjustment	5% plus or Minus
Winding Pitch / # Wires	P2/3 / 12
Insulation Grade	H/H
Protection Grade	IP23


**CONTROL SYSTEM**

Model	ComAp AMF25
Circuit Breaker ABB	XT1C160 TMD40-450 FF 3P
Protections	Low Oil pressure/Low Oil level
	Oil Temperature
	Water Level / Water Temperature
	Overspeed / Overcrank / Overload
	Over / Low Voltage & Frequency
	Over Current

